

兔抗 ERCC3 多克隆抗体

中文名称：兔抗 ERCC3 多克隆抗体

英文名称：Anti-ERCC3 rabbit polyclonal antibody

别名：XPB; BTF2; GTF2H; RAD25; TFIIH

相关类别：一抗

储存：冷冻（-20℃）避光

宿主：Rabbit

抗原：ERCC3

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:	XPB and XPD are ATPase/helicase subunits of the TFIIH complex that are involved in nucleotide excision repair (NER) to remove lesions and photoproducts generated by UV light. XPB and XPD are 3' -5' and 5' -3' DNA helicases, respectively, that play a role in opening of the DNA damage site to facilitate repair. XPB and XPD both play an important role in maintaining genomic stability, and researchers have linked mutations of these proteins to Xeroderma Pigmentosum (XP) and Trichothiodystrophy (TTD). XP patients have abnormalities in skin pigmentation and are highly susceptible to skin cancers, while TTD patients exhibit symptoms such as brittle
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	hair, neurological abnormalities, and mild photosensitivity. In addition to their role in NER, XPB and XPD are involved in transcription initiation as part of the TFIIH core complex. The helicase activity of XPB unwinds DNA around the transcription start site to facilitate RNA polymerase II promoter clearance and initiation of transcription. XPD plays a structural role linking core TFIIH components with the cdk-activating kinase (CAK) complex that phosphorylates the C-terminus of the largest subunit of RNA polymerase II, leading to transcription initiation.
Applications:	WB
Name of antibody:	ERCC3
Immunogen:	Fusion protein of human ERCC3
Full name:	excision repair cross-complementing rodent repair deficiency, complementation group 3
Synonyms :	XPB; BTF2; GTF2H; RAD25; TFIIH
SwissProt:	P19447
WB Predicted band size:	89 kDa
WB Positive control:	COLO320 cells
WB Recommended dilution:	500-2000

